

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): M. NAGASU et al
Serial No.: (New continuation Application under 37 CFR §1.53[b] of
U.S. Application Serial No. 10/135,530)
Filed: September 24, 2003
For: SEMICONDUCTOR CIRCUIT, METHOD OF DRIVING
THE SAME AND SEMICONDUCTOR DEVICE
Group: 2816
Examiner: K. B. WELLS

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & §1.98

MS: PATENT APPLICATIONS

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

September 24, 2003

Sir:

In the matter of the above-identified application, applicants are attaching hereto, in a form equivalent to Form PTO-1449, a listing of all the art documents of record (cited by the Examiner/submitted by applicants) in the chain of continuing applications (as listed on page 1 of the Specification), pursuant to the duty of disclosure/candor requirements.

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified continuation application and, therefore, this IDS meets the requirements pursuant to 37 CFR §1.97(b).

As to the requirement of 37 CFR §1.98(a)(3) for any concise explanation of relevance to the extent that any of the listed documents is not in the English language, this is met by the discussion thereof in the original specification/

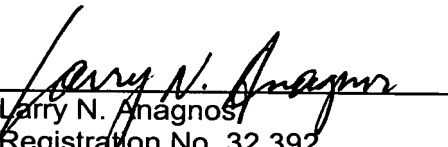
prosecution history, the earlier submission (in a prior application) of an English language translation of JP 49-074862 and of a Japanese Office Action, the earlier submission (in the prior, parent application) of an English version of the Partial European Search Report) and, also, of English language abstracts, and the citation by the Examiner in the prior application(s).

It is understood that since copies of the listed documents should be available in the file wrappers of the prior applications, copies thereof are not included herewith, consistent with 37 CFR §1.98(d) and pursuant to the guidelines set forth in MPEP §609.

It is submitted this IDS is in compliance with the rules of practice as well as with USPTO guidelines. Therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgment of such entry as well as of a formal consideration thereof by the Examiner is respectfully requested.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge same to the account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (501.34578CC4).

Respectfully submitted,
ANTONELLI, TERRY, STOUT & KRAUS, LLP


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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Complete if Known | | | |
| | | Application Number | R53(b) CONT of S.N. 10/135,530 | | |
| | | Filing Date | September 24, 2003 | | |
| | | First Named Inventor | NAGASU, MASAHIRO | | |
| | | Art Unit | 2816 | | |
| | | Examiner Name | K. B. WELLS | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 501.34578CC4 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|--|--|--------------------------------|--|---|
| Examiner Initials' | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
| | | US- 4,233,529 | | 11/11/1980 | Whitlock | |
| | | US- 4,314,207 | | 02/02/1982 | Pintemagel | |
| | | US- 4,405,933 | | 09/20/1983 | Avery | |
| | | US- 4,484,206 | | 11/20/1984 | Moroshima et al | |
| | | US- 4,656,414 | | 04/07/1987 | Morud | |
| | | US- 4,798,983 | | 1/17/1989 | Mori | |
| | | US- 4,928,053 | | 05/22/1990 | Sicard et al | |
| | | US- 5,122,946 | | 6/16/1992 | Taylor | |
| | | US- 5,416,361 | | 05/16/1995 | John et al | |
| | | US- 5,504,368 | | 04/1996 | Sawada | |
| | | US- 5,525,826 | | 06/1996 | Palara | |
| | | US- 5,576,648 | | 11/19/1996 | Rossie et al | |
| | | US- 5,644,148 | | 07/1997 | Kinzer | |
| | | US- 5,929,485 | | 07/1999 | Takahashi | |
| | | US- | | | | |
| | | US- | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | JP 49-074862 | 07/19/1974 | | | |
| | | JP 04-115715 | 04/16/1992 | | | |
| | | JP 03-208410 | 09/11/1991 | | | |
| | | JP 02-025107 | 01/26/1990 | | | |
| | | JP 08-316501 | 11/29/1996 | | | |
| | | JP 09-047013 | 02/14/1997 | | | |
| | | JP 55-148469 | 11/1980 | | | |
| | | JP 04-312981 | 11/1992 | | | |
| | | JP 06-204410 | 07/1994 | | | |
| | | JP 05-090933 | 04/09/1993 | | | |
| | | FR 2559987-A1 | 08/23/1985 | C. ESTIVAL | | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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|---|---|----|---|--------------------------|--------------------|
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| | | | | | |
| | | | | Filing Date | September 24, 2003 |
| | | | | First Named Inventor | NAGASU, MASAHIRO |
| | | | | Group Art Unit | 2816 |
| | | | | Examiner Name | K. B. WELLS |
| Sheet | 2 | of | 2 | Attorney Docket Number | 501.34578CC4 |

[illegible]

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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